

1. VENDT, V. P.; DRUKOVA, I. H.
2. USSR (600)
4. Wheat Germ Oil
7. Determination of vitamin E in wheat germ oil. Ukr. biokhim. zhur. 23, No. 3, 1951.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Unclassified.

BREUS, F.S., inzh.; DRUKMAN, R.B., inzh.

New design of hooks for climbing wooden poles. Energetik
8 no.9:1-2 S '60. (MIRA 14:9)
(Electric lines--Poles)

BREUS, F.S., inzh.; DRUKMAN, R.B., inzh.

Small-sized compound pulleys. Energetik 8 no.9:19-20
S '60. (MIRA 14:9)
(Pulleys)

BELAENKO, F.A., GAEK, I.U.V.; DRUKOVANYI, M.F.

Using high-speed motion-picture photography for studying by means of the photoelastic method the stresses occurring in solids during an explosion. Zhur.nauch.i prikl.fot.i kin 6 no.4:286-288 JI-Ag '61.

(MIRA 14:10)

(Photoelasticity)

(Motion-picture photography, High speed--Scientific applications)

ERILAYENKO, F.A., prof., doktor tekhn. nauk; KUCHERYAVYI, F.I. dotsent,
kand. tekhn. nauk; DRUKOVANYI, M.F., inzh.

Determining by experiment the efficiency of the blast. Nauch. dekl.
vys. shkely; gor. dele no.1:41-44 '59. (MIRA 12:5)
(Blasting--Testing)

GAYEK, Yu.V., inzh.; DRUKOVANYI, M.F., inzh.

Research on the process of the breaking of a massif with instantaneous and short-delay blasting. Gor zhur. no. 6:29-33 Je '61.

(MIRA 14:6)

1. Dnepropetrovskiy gornyy institut.
(Blasting)

22871

S/077/61/006/004/003/004
D051/D113

3.1220 (1106,1395,1062)

AUTHORS: Belayenko, F.A.; Gayek, Yu.V.; and Drukovanyy, M.F.

TITLE: The use of a high speed moving film for the photoelastic study of stresses occurring in solid bodies during an explosion

PERIODICAL: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 6, no. 4, 1961, 286-288

TEXT: The authors describe a new method of studying the dynamic fields of isochromes originating during the explosion of charges in an optically active medium. Experiments based on this method are being carried out at the laboratory of optical methods of studying stresses of DGI. For the photographic recording of stress waves, an COP (SFR) high speed cinematographic installation with a maximum speed of $2.5 \cdot 10^6$ frames/sec, in combination with an ИМАШ-КБ22 (IMASH-KB-22) optical polarizing installation, is used. In this case, plane stresses are investigated. The models are plates made of optically active material with cylindrical perforations in which a 0.05-0.12 g lead azide charge is located. The principal optical scheme of the installation is shown in figure 1. On detonation of the

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The use of a high speed moving film

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D051/D113

charge the camera mirror which rotates at 75,000 rev./min, transmits the image to a cine film with the aid of a system of shutters which permit the frame frequency to be increased to $2.5 \cdot 10^6$ frames/sec. An *NC III* 100-3 (ISSh 100-3) flash tube serves as a light source, the flash duration being reduced to 100 μ sec. At a minimum inductance of the discharge circuit, this tube has sufficient brightness for the photographic recording of a picture of isochromes in red light. A high-voltage pulse is introduced, when the mirror is in the working position. This pulse is divided into two pulses by a voltage divider (Fig.2): one pulse ignites the tube, while the other is used for triggering the discharge across a gap in the starting circuit. The charge is ignited by combustion of a 30 μ thick constantan wire passing through it. Using this method, the authors obtained pictures of isochromes occurring in glass, plexiglass, and celluloid on detonation of charges in these materials. The clearest pictures obtained were those of isochromes occurring in celluloid, which has a mean optical sensitivity and a speed of propagation of stress waves of 1,600 m/sec. The described method can be successfully used for the study of dynamic stress fields, processes of fissure

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S/077/61/006/004/003/004
D051/D113

The use of a high speed moving film

formation, the role of reflected waves, etc., in mountains during blasting operations. There are 3 figures and 3 Soviet references.

ASSOCIATION: Gornyy institut (Mining Institute), Dnepropetrovsk

SUBMITTED: August 10, 1960

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DRUKOVANYI, M. F.

Cand Tech Sci - (diss) "Study of short-fused well charges in the open pits of the Yelenovskiy Ore Administration." Moscow, 1961. 15 pp; (Academy of Sciences USSR, Inst of Mining Affairs imeni A. A. Skochinskiy); 200 copies; price not given; list of author's works at end of text (10 entries); (KL, 7-61 sup, 235)

HELAYENKO, F.A., prof., doktor tekhn.nauk; KUCHERYAVYY, F.I., kand.tekhn.
nauk; DRUKOVANNYY, M.F., inzh.; SKOROBGATOVA, Ye.N., inzh.

Breaking rocks by blasting according to foreign investigation
data. Vzyv. delo no.45:36-49 '60. (MIRA 14:1)
(Blasting)

NOVOZHILOV, M.G., prof.; KUCHERYAVYY, F.I., kand.tekhn.nauk;
DRUKOVANYI, M.F., gornyy inzh.; GAYEK, Yu.V., gornyy inzy.

Introduce new highly efficient technology in open-pit mining
of hard ores. Gor. zhur. no.10:20-21 O '61. (MIRA 15:2)

1. Dnepropetrovskiy gornyy institut.
(Strip mining)

DRUKOVANYI, M.F., gornyy inzh.

Mechanism of breaking rocks in short-delay blasting. Vzryv. delo
no.47/4:184-196 '61. (MIRA 15:2)

1. Dnepropetrovskiy gornyy institut.
(Blasting)

BELAYENKO, F.A., prof., doktor tekhn.nauk; GAYEK, Yu.V., gornyy inzh.;
DRUKOVANYI, M.F., gornyy inzh.

Relationship between charges and the formation of a funnel in
instantaneous firing. Vzryv. delo no.47/4:230-239 '61.

(MIRA 15:2)

1. Dnepropetrovskiy gornyy institut.
(Blasting)

BELAYENKO, F.A., prof.; GAYEK, Yu.V., inzh.; DRUKOVANYI, M.F., inzh.

Use of ultrarapid motion-pictures with the photelastic method
to study pressures arising in a rock massif during blasting.
Izv.vys.ucheb.zav.; gor.zhur. no.3:45-48 '61. (MIRA 15:4)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut imeni Artema; rekomendovana kafedroy shakhtnogo stroitel'-
stva Dnepropetrovskogo gornogo instituta.
(Blasting) (Photoelasticity)

BELAYENKO, F.A., prof., doktor tekhn.nauk; KRASNOPOL'SKIY, A.A., gornyy inzhener; DRUKOVANYI, M.F., gornyy inzhener; VOZNESENSKIY, V.V., gornyy inzhener; DZYABURA, G.F., gornyy inzhener; POLYAKOV, S.D., gornyy inzhener

Results of using single-row and multirow and short-delay blasting in pits of the Yelenovka Mining Administration. Vzryv. delo no.47/4:74-84 '61. (MIRA 15:2)

1. Dnepropetrovskiy gornyy institut, Yelenovskoye rudoupravleniye. (Yelenovka region (Donetsk Province)--Blasting) (Boring)

NOVOZHILOV, M.G., doktor tekhn. nauk; DRUKOVANYI, M.F., kand. tekhn. nauk;
VEREM'YEVA, V.Ye.; SAPUNOVA, I.A.

Efficiency of three-stage crushing at Krivoy Nog mining and ore
dressing combines. Met. i gornorud. prom. no.5:47-49 3-0 '64.
(MIRA 18:7)

DRUKOVANYI, M.P., kand. tekhn. nauk; KOMIR, V.M., inzh.

Mechanism of rock breaking by blasting, and its control.
Vzryv. delo no. 17/14:13-26 '65. (MIRA 18:11)

DRUKOVANNYY, M. F.

21

PHASE I BOOK EXPLOITATION

80V/6098

Assonov, V. A., and L. A. Paporotskiy, Resp Eds.

Novoye v sredstvakh i sposobakh vzryvaniya (New Developments in
Blasting Means and Methods). Moscow, Gosgortekhnizdat, 1962.
124 p. (Series: Vzryvnoye delo; Sbornik no. 48/5) Errata
slip inserted. 3000 copies printed.

Sponsoring Agency: Nauchno-tekhnicheskoye gornoye obshchestvo.

Ed. of Publishing House: A. Ya. Kostom'yan; Tech. Eds.: L. I.
Minsker and G. M. Il'inskaya.

PURPOSE: The book is intended for mining engineers, workers
in scientific research and planning organizations, and also
for teachers and students of mining and technical schools.

COVERAGE: This collection of articles describes new blasting
means and methods, means of protecting electric detonators
from stray currents, and improved methods of short-delay
detonation.

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New Developments in Blasting Means (Cont.)	807/6098
Gorbachava, Ye. P. Assembling an Electric-Detonating Network for Blasting Nondimensional Rock	98
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GAYEK, Yu.V., inzh.; DRUKOVANYI, M.F., inzh.; MOMOT, K.V., inzh.

Flow of blasting products from the hole. Izv. v/s. uchel. zav.;
gor. zhur. 5 no.1:84-89 '62. (MIRA 15:4)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy
institut imeni Artema. Rekomendovana kafedrov razrabotki
rudnykh mestorozhdeniy i otkrytykh rabot Dnepropetrovskogo
gornogo instituta.

(Blasting)

GAYEK, Yu.V., inzh.; DRUKOVANYK, M.F., kand.tekhn.nauk; MISHIN, V.V., inzh.

Effect of blasting operations on the stability of mine workings
and the amount of excess broken rock in driving them. Shakht.
stroi. 6 no.7:6-7 JI '62. (MIRA 15:7)

1. Dnepropetrovskiy gornyy institut.
(Blasting)

GAYEK, Yu.V.; DRUKOVANY^Y, M.F.; MISHIN, V.V.

Mechanism of rock destruction and calculation of delay intervals in
mining operations. Ugol' 37 no.7:22-25 J1 '62. (MIRA 15:7)

1. Dnepropetrovskiy gornyy institut.
(Blasting)

GAYEK, Yu.V.; DRUKOVANNYY, M.F.; MISHIN, V.V.

Proximity coefficient of charges. Vzyv. delo no.48/5:113-122
'62. (MIRA 15:9)

1. Dnepropetrovskiy gornyy institut.
(Blasting)

DRUKOVANYI, M.F., kand.tekhn.nauk; MISHIN, V.V., inzh.; GAYEK, Yu.V., inzh.

Shattering of rocks in instantaneous and short-delay
firing. Vzryv. delo no.50/7:31-44 '62. (MIRA 15:9)

1. Dnepropetrovskiy gornyy institut imeni Artema.
(Blasting)

DRUKOVANYI, M.F., kand.tekhn.nauk; GAYEK, Yu.V., inzh.; MISHIN, V.V.

Effect of fracturing on the nature of rock shattering
by blasting. Vzryv. delo no.50/7:98-103 '62. (MIRA 15:9)

1. Dnepropetrovskiy gornyy institut imeni Artema.
(Blasting) (Rocks)

KUCHERYAVYY, Feodosiy Ivanovich; DRUKOVANYI, Mikhail Fedorovich;
GAYEK, Yuriy Vladimirovich; DEMIDYUK G.P., otv. red.;
GEYMAN, L.M., red. izd-va; SHKLYAR, S.Ya., tekhn. red.

[Short delay blasting in open-cut mines] Korotkozamedlennoe
vzryvanie na kar'erakh. Moskva, Gosgortekhnizdat, 1962. 226 p.
(MIRA 16:2)

(Blasting) (Mining engineering)

BOYKO, A.A., inzh.; DRUKOVANYI, M.F., kand. tekhn. nauk; BABOKIN, I.A., inzh.; ZAYTSEV, A.P., inzh.; POLESIN, Ya.L., inzh.; SOBOLEV, G.G., inzh.; ZHUKOV, V.V., kand. tekhn. nauk; TOPCHIEV, A.V., prof.; VEDERNIKOV, V.I., kand. tekhn. nauk; OKHRIMENKO, V.A., kand. tekhn. nauk; MELAMED, M.Z., kand. tekhn. nauk; KUZNETSOV, K.K., inzh.; RABINOVICH, I.A.; YASNYI, V.K., inzh.; LIVSHITS, I.I., kand. tekhn. nauk, rersenzent; BARANOV, A.I., inzh., retsenzent; LOMILINA, L.N., tekhn. red.

[Brief handbook of a coal mining engineer] Kratkii spravochnik gornogo inzhenera ugol'noi shakhty. Moskva, Gosgortekhnizdat, 1963. 639 p. (MIRA 17:3)

NOVOZHILOV, M.G., prof., doktor tekhn. nauk; DRUKOVANYI, M.F., kand.
tekhn. nauk; YEFREMOV, E.I., gornyy inzh.; TERESHCHENKO, A.A.,
gornyy inzh.; SHESTAKOV, M.M., gornyy inzh.; PIL'NIK, I.L.,
gornyy inzh.

Experience in blasting of high benches at the Krivoy Rog Basin
Central Mining and Ore Dressing Combine. Gor. zhur. no.11:
29-33 N '63. (MIRA 17:6)

1. Otdeleniye gornorudnykh problem AN UkrSSR (for Novozhilov,
Drukovanyy, Yefremov). 2. Tsentral'nyy Krivorozhskiy gorno-
obogatitel'nyy kombinat (for Tereshchenko, Shestakov, Pil'nik).

GAYEK, Yu.V., kand. tekhn. nauk; DRUKOVANYI, M.F., kand. tekhn. nauk;
MISHIN, V.V., kand. tekhn. nauk

Speed of the development of fractures in rocks and solid bodies
and methods of measuring it. Vopr. delo no.51/8:85-96 '63.

1. Dnepropetrovskiy gornyy institut.
(Blasting)

NOVOZHILOV, M.G., doktor tekhn. nauk, prof.; DRUKOVANYI, M.F., kand.
tekhn. nauk; YEFREMOV, E.I., inzh.

State of and basic trends in improving boring and blasting
operations in granite quarries. Varyv. delo no.51/8:206-223
'63. (MIRA 16:6)

1. Otdel gornorudnykh problem AN UkrSSR.
(Granite industry) (Blasting) (Boring)

NOVOZHILOV, M.G., prof., doktor tekhn. nauk; ~~DRUKOVANYI, M.F.~~, kand.
tekhn. nauk; GEYMAN, L.M., gornyy inzh.; YEFREMOV, E.I., gornyy
inzh.; KHOTIYENKO, Yu.P., gornyy inzh.

Effect of the diameter of the charge on the extent of the
crushing of friable bodies by blasting. Vzryv. delo no.53/10:
59-76 '63. (MIRA 16:8)

1. Otdeleniye gornorudnykh problem AN UkrSSR.
(Blasting)

DRUKOVANYI, M.F., kand. tekhn. nauk; GEYMAN. L.M., gornyy inzh.;
KHOTIYENKO, Yu.P., gornyy inzh.

Effect of the location of the point of detonation on the mechanism
of breaking and the degree of crushing of friable bodies by
blasting. Vzyv. delo no.53/10:105-112 '63. (MIRA 16:8)

1. Otdeleniye gornorudnykh problem AN UkrSSR.
(Blasting)

DRUKOVANYI, M.F., kand. tekhn. nauk; YEFREMOV, E.I., gornyy inzh.;
TERESHCHENKO, A.A., gornyy inzh.; SHESTAKOV, F.K., kand. tekhn.
nauk; MALYY, I.S., gornyy inzh.

Crushing of rocks in blasting paired benches in the Central and
Ingulets Mining and Ore Dressing Combines in the Krivoy Rog
Basin. Vznv. delo no.53/10:147-156 '63. (MIRA 16:8)

1. Otdel gornorudnykh problem AN UkrSSR (for Drukovanyy,
Yefremov). 2. Tsentral'nyy gornoobogatitel'nyy kombinat
(for Tereshchenko, Shestakov). 3. Inguletskiy gornooboga-
titel'nyy kombinat (for Alekseyev, Malyy).
(Krivoy Rog Basin--Blasting)

NOVOZHILOV, M.G., doktor tekhn. nauk, prof.; DRUKOVANYI, M.F., kand.
tekhn. nauk; KRASNOPOL'SKIY, A.A., inzh.; ONISHCHENKO, V.Ya., inzh.

Effect of rotary drilling on the quality of blasting operations.
Vzryv. delo no.51/8-223-231 '63. (MIRA 16:6)

1. Otdel gornorudnykh problem AN UkrSSR (for Novozhilov,
Drukovanyy). 2. Dokuchayevskiy flyuso-dolomitnyy kombinat
(for Krasnopol'skiy, Onishchenko).
(Boring) (Blasting)

NOVOZHILOV, M.G., prof., doktor tekhn. nauk; DRUKOVANYI, M.F., kand.
tekhn. nauk; REZNIKOV, N.A., inzh.

Ways of fundamentally reorganizing Krivoy Rog Basin strip
mines. Gor. zhur. no.9:10-13 S '64. (MIRA 17:12)

NOVOZHILOV, M.G., prof., doktor tekhn. nauk; DRUKOVANYI, M.F., kand.
tekhn. nauk; GEYMAN, L.M., gornyy inzhener; KOMAR, V.M., gornyy
inzhener; SEMENYUK, I.A., gornyy inzhener

Studying the efficiency of charges with air spaces. Vzryv.
delo no.54/11:113-125 '64. (MIRA 17:9)

1. Filial Instituta mekhaniki AN UkrSSR.

DRUKOVNYY, M.F., kand. tekhn. nauk; KRASNOPOL'SKIY, A.A., gornyy inzh.;
GEYMAN, L.M., gornyy inzh.

Determining the effective degree coefficient of crushing flux
limestone and dolomite. Varyv. delo no.54/11:210-215 '64.

(MIRA 17:9)

1. Filial Instituta mekhaniki AN UkrSSR.

ACCESSION NR: AT4045963

S/2996/64/000/054/0362/0367

AUTHOR: Drukovanyy, M. F. (Candidate of technical sciences); Komir, V. M. Engineer, (Litvin, L. N. (Engineer), Myachina, N. I. (Engineer).

TITLE: The effect of the air gap in the charge on the speed with which the stemming is blown from the shaft and the time characteristics of the blast impulse

SOURCE: Nauchno-tekhnicheskoye gornoye obshchestvo. Vzryvnoye delo, no. 54/11, 1964. Upravleniye deystviyem vzryva (Control of blasting operations), 362-367

TOPIC TAGS: blasting, mine blasting, air gap, stemming, blast impulse, explosion efficiency

ABSTRACT: The authors have conducted a series of experiments to measure the pressure of the gases on the stemming and the speed with which the explosion products escape from the shaft. In the present article, they report on the results of two of the more characteristic experimental blasts set off at the Dokuchayevskiy flyuso-dolomitnyy kombinat (Dokuchayev Flux-Dolomite Combine) for the purpose of studying the effect of air gaps on the above-mentioned factors. For this purpose, a steel tumbler, 220 mm in diameter and 300 mm in height, was placed in the shaft on an explosive charge; located within the casing of the tumbler there were sensors for the measurement of pressure. Attached to the tumbler was a 1.5-inch tube, 5-7 meters in length, inside of which wire leads were run from the sensors to an N-700

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ACCESSION NR: AT4045963

oscilloscope. The shaft section above the steel tumbler was filled in with sandy-clay stemming. The part of the tubing which protruded above the shaft was alternately colored black and white in order to facilitate observations of it during the blast. The assumption was that, during the explosion, the tumbler would block the gases in the shaft with sufficient efficiency, with the movement of the tumbler and tube serving to characterize the process of stemming blow-out. The flight of the tube was recorded by means of an SKS-1m high-speed motion-picture camera. Further details and mathematical considerations are given in the article. The authors found that the speed with which the stemming leaves the shaft depends, to a considerable degree, on the size of the air gap, with the length of the gap, in turn, constituting one of the decisive factors which determine the time characteristics of the blast impulse. They also determined that the use of charges with air gaps permits a 15-40% increase in the duration of the blast impulse, thus making possible the attainment of a higher degree of efficiency in the explosion itself. Orig. art. has: 2 tables and 15 formulas.

ASSOCIATION: Filial Instituta mekhaniki AN USSR (Branch Office of the Institute of Mechanics, AN UkrSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: WA

Card 2/2

NO REF SOV: 000

OTHER: 000

DRUKOVANYI, M.F., kand. tekhn. nauk; KOMIR, V.M., inzh.; LITVIN, L.N., inzh.;
MYACHINA, N.I., inzh.

Effect of the air space in a charge on the ejection speed
of the stemming out of the hole and temporary characteris-
tics of the detonation impulse. Vzryv. delo no.54/11:
362-367 '64.

(MIRA 17:9)

1. Filial Instituta mekhaniki AN UkrSSR.

~~DRUKOVANYI~~ M.F., kand. tekhn. nauk; KOZHUSHKO, Yu.M., kand. tekhn.
nauk; KOMIR, V.M., inzh.; IL'IN, V.I.

Using charges with air spaces in mining. Vzryv. delo
no.55/12:292-303 '64. (MIRA 17:10)

1. Otdeleniye gornorudnykh problem AN UkrSSR.

NOVCZHILOV, M.G., doktor tekhn. nauk; DRUKOVANYI, M.I., kand. tekhn. nauk;
YEFREMOV, E.I., inzh.; ALEKSEYEV, P.K., kand. tekhn. nauk; MALYUTA,
D.I., inzh.

Increasing mining rates during the construction of strip mines.
Shakht. stroit. 8 no.7:23-24 J1 '64. (CHRA 17:10)

1. Inguletskiy gornobogatitel'nyy kombinat (for Alekseyev).
2. Novokrivorozhskiy gornobogatitel'nyy kombinat (for Malyuta).

NOVOZHILOV, M.G., prof., doktor tekhn.nauk; DRUKOVANYI, M.P., kand.tekhn.nauk;
VEREM'YEVA, V.Ye., inzh.; SAPUNOVA, I.A., inzh.

Ways of improving the cost of crushing Krivoy Rog Basin ore.
Gor.zhur. no.1:20-23 Ja '65. (MIRA 18:3)

1. Filial instituta mekhaniki AN UkrSSR, Dnepropetrovsk.

KUCHERYAVYY, Feodosiy Ivanovich, kand. tekhn. nauk, dots.;
NOVOZHILOV, Mikhail Galaktionovich, doktor tekhn. nauk,
prof.; DRUKOVANYI, Mikhail Fedorovich, kand. tekhn.
nauk

[Improving the boring and blasting operations in quarries]
Sovershenstvovanie burevnykh rabot na kar'erakh. Mo-
skva, Nedra, 1965. 255 p. (MIRA 18:7)

DRUKOVANYI, M.F.; NOVOZHILOV, M.G.; KITACH, G.M.; SAVITSKIY, I.I.;
SHKUTA, E.I.

Improving the degree of ore crushing by blasting. Gor. zhur.
no.7:42-46 J1 '65. (MIRA 18:8)

DRUKOVANYI, M.F., kand. tekhn. nauk; YEFREMOV, E.I., kand. tekhn. nauk

Blasting slopes in the development of rock products deposits.

Stroi. mat. 11 no.1:39-40 Ja '65.

(MIRA 18:6)

DRUKOVANYI, M.F., kand. tekhn. nauk; IL'IN, V.I., inzh.; KOMIR, V.M., inzh.;
GEYMAN, L.M.

Theoretical premises for an effective conduction of blasting
operations in a compressed medium. Vzryv. delo no.57/14;
66-82 '65. (MIRA 18:11)

1. Filial instituta mekhaniki AN UkrSSR (for Drukovanyy, Il'in,
Komir).

DRUKOVANYI, M.F., kand. tekhn. nauk; KOMIR, V.M., inzh.; MYACHINA, N.I., inzh.

Modeling the rock breaking process under the effect of blasting.
Varyv. delo no.57/14:112-120 '65. (MIRA 18:11)

NOVOZHILOV, M.G., doktor tekhn. nauk; DRUKOVANYI, M.F., kand. tekhn. nauk;
IVANOV, V.A., inzh.; IL'IN, V.I., inzh.; OKSANICH, I.F., inzh.

Effect of blasting in a compressed medium on the technology of
ore mining and ore dressing. Vzyv. delo no.57/14:128-145 '65.
(MIRA 16:11)

1. Filial Instituta mekhaniki AN UkrSSR (for Novozhilov,
Drukovany, Ivanov, Il'in). 2. Yuzhnyy gornobogatitel'nyy
kombinat (for Oksanich).

NOVOZHILOV, M.G., doktor tekhn. nauk; DRUKOVANYI, M.F., kand. tekhn. nauk;
TARTAKOVSKIY, B.N., kand. tekhn. nauk; YEFREMOV, E.I., kand.
tekhn. nauk; IL'IN, V.I., inzh.; GAVRILYUK, I.I., inzh.

Use of high benches in flux quarries. Vzyv. delo no.57/14:
167-173 '65. (MIRA 18:11)

Filial Institute mekhaniki AN UkrSSR.

DRUKOVANYI, M.F., kand. tekhn. nauk; YEFREMOV, E.I., kand. tekhn. nauk;
KOMIR, V.M., inzh.; MALYUTA, D.I., inzh.; VOLYNETS, M.A., inzh.;
KIKOVKA, Ye.I., inzh.

Ways of further improvements in the design of charges for blasting
operations in mines. Vzryv. delo no.57/14:198-209 '65.

(MIRA 18:11)

1. Filial instituta mekhaniki AN UkrSSR (for Drukovanyy, Yefremov,
Komir). 2. Novo-Krivorozhskiy gornobogatitel'nyy kombinat imeni
Leninskogo komsomola (for Malyuta, Volynets, Kikovka).

KUCHERYAVYY, F.I., kand.tekhn.nauk; PASHKOV, A.D.; DRUKOVANNYY, M.F.

Book reviews and bibliography. Ugol' 40 no.3:79-80 Mr '65.
(MIRA 18:4)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni Gornyy
institut imeni Artema (for Kucheryavyy, Drukovannyy). 2. Moskov-
skiy geologorazvedochnyy institut imeni Sergo Ordzhonikidze (for
Pashkov).

S/081/62/000/023/098/120
B101/B186

AUTHOR: Druláková, Alena

TITLE: Effect of LO 109 oil admixture on the properties of filled
polyvinyl chloride mixtures

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 685, abstract
23P148 (Kaucuk a plast. hmoty, no. 11, 1961, 373 - 376
[Czech.])

TEXT: It is shown that when a PVC composition receives an admixture of
LO 109 lubricating oil in amounts of 5 - 10% referred to the filler
(finely ground limestone (LS)) with the ratio PVC:plasticizer = 1:1 and
1.5:1, and with an LS content of 17.5 - 20%, the mechanical strength of
the composition is not noticeably affected (only the resistance to wear
being reduced). The viscosity of the pastes, however, is considerably
reduced, which permits an increase in the LS dosage (about 3% LS per 1% LO).
A negative consequence of the LO admixture to the PVC mixture is the
poorer workability of the compositions on rolls. [Abstracter's note:
Complete translation.]

Card 1/1

DRULOVIC, C.

Importance of maintenance and the correct use of motor vehicles. p. 3.
(GLASNIK, Vol. 11, No. 3, Mar. 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957
Uncl.

DRUMEV, B.

What surveys of experimental laboratories and workshops reveal.
p. 6. RATSIONALIZATSIIA. (Institut za ratsionalizatsiia)
Sofiya. Vol. 6, no. 1, Jan. 1956.

SOURCE: EEAL - LC Vol. 5 No. 11 Nov. 1956

DRUMEV, B.

"Electric-spark and supersonic-wave machines at the Second Exhibition of Czechoslovak Machine Construction in Brno."

p.13 (Ratsionalizatsiia, Vol. 7, no. 2, Feb. 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions, (EEAI) LC, Vol. 7, No. 8, August 1958

DRUMEV, B.

"Electric-spark and supersonic-wave machines at the Second Exhibition of Czechoslovak Machine Construction in Brno."

p.12 (Ratsionalizatsia, Vol. 7, no. 3, Mar. 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

DRUMEV, B.

"Burned-out fluorescent lamps can be made to light up again."

p. 9 (Ratsionalizatsiia) Vol. 7, no. 6, June 1957
Sofia, Bulgaria

SQ: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

DRUMEV, B.

"National Conference of the Inventors, Rationalizers, and Innovators in
Czechoslovakia."

p. 1 (Ratsionalizatsiia, Vol. 7, no. 11, Oct. 1957, Sofia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958.

DRUMEV, B.; IGOV, P.

New Czechoslovak devices for metal cutting with oxyacetylene. p. 27
Ratsionalizatsii Vol. 8, No. 3, Mar., 1958. Sofia, Bulgaria.

• Monthly Index of East European Accession (EFAI) LC, Vol. 7, No. 10,
Oct. 58

KALDERON, Dimitritsa; KOSHARSKA, Tinka; DRUMEV, Bozhidar, inzh.; BOZHINOV, Sava Filipov; KHRISTOV, Ivan ~~Filipov~~, uchenik; UVANOVA, Mela, prepodavatelka; MILKOV, Vuliu; NIKOLOV, Iordan Georgiev; SHALAVEROV, Zlati Dimitrov; PASKOVA, Stoika Ivanova; PAVLOV, Pavel Iordanov

During the new school year better achievements. Nauka i tekhn z mladezh no.10:3-4,16 '61.

1. Zav. otzel "Srednoshkolska mladezh" v TSK na DKMS(for Kalderon)
2. Sekretar na zavodskiaa komitet na DKMS v zavod "Stalin", Dimitrovo (for Kosharska)
3. Predsedatel na nauchno-tekhnikeskoto d-vo i nachalnik biuro "Tekhnicheski progress" v zh. p. zavod "G. Dimitrov" Sofiya. (for Drumev)
4. Sekretar na Okruzhniaa komitet na DKSM, Plovdiv(for Bozhinov)
5. Selskostopanski tekhnikum v x. Sadovo, Plovdivski okrug (for Khristov, Ivanova)
6. Direktor na MTS s. "Ekzarh Antimovo" Gurgaski okrug (for Milkov)
7. MTS, Gorna Oryakhovitsa (for Nikolov)
8. Sekretar na Okruzhniaa komitet na DKMS, Turnovo(for Shalaverov)
9. Bibliotekarka v s. Rudnik, Varnenski okrug (for Paskova)
10. Sekretar na Okruzhniaa komitet na DKMS, Varna (for Pavlov)

(Education)

YRUMEV, D.

BULGARIA/Pharmacology. Pharmacognosy. Toxicology -
Medicinal Plants.

T-5

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 71748
Author : Nikolov, P., Drumev, D.
Inst :
Title : The Healing Properties of Aesculus Hippicastanum.
Orig Pub : Farmatsia, (Sofia), 1955, 5, No 2, 16-19
Abstract : No abstract.

Card 1/1

- 65 -

DRUMEV, D.

BULGARIA/Human and Animal Physiology - The Nervous System.

V-10

Abstr Jour : Ref Zhur - Biol., No 2, 1958, 9048

Author : D. Drumev

Inst : The Research Institute of Experimental Veterinary Medicine

Title : Changes in Conditioned Reflex Activity Produced by
Mercuric Chloride.

Orig Pub : Izv. In-ta eksperim. vet. med. B'lgar. AN, 1956, 4, 67-91

Abstract : After a single subcutaneous injection of rats with 0.002 g of mercuric chloride per kg of body weight, the latent period and pace time of conditioned reflexes increased, and phasic states appeared. After the application of several stimuli, the reactions, as a rule, were extinguished. The changes, which attest to a weakening of the irritable process and diffuse cortical inhibition (spreading at times to subcortical formations), were especially marked for the

Card 1/2

DRUMEV, D.

BULGARIA / Pharmacology, Toxicology. Narcotics and Hypnotics

U-2

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 7907

Author : Drumev, D., Berchev, Kr., Tsanev, P.

Inst :

Title : Some Data on the Local Injury Following an Injection of
Mercuric Chloride Given to White Rats while awake and Dur-
ing an Induced Sleep.

Orig Pub : Izv. In-ta Eksperim. Vet. Med. Blg. An, 1956, No 5, 3-15

Abstract : Experiments were performed on 216 rats. Mercuric Chloride
was injected subcutaneously, the dose being 20 mg per kg.
"Evipan-Sodium" was also given subcutaneously twice daily
for two days. Necrosis was observed in 26% of the animals
that had been subjected to an induced sleep as compared to
70% in the control animals; necrosis was less pronounced in
the former group.

Card : 1/1

DRUMEV, D.; BERCHEV, K.

"Interrelations between changes of the higher nervous activity and the local affections following an injection of a small dose of mercury chloride."

IZVESTIIA, Sofia, Bulgaria, No. 3, 1957.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, ^{Sept.} Jun 59
Unclas

DRUMEV, D. ; RUSEV, V.

"The 8th Congress of the physiologists, Biochemists, and Pharmacologists
in the Soviet Union." p. 23

NAUCHEN ZHIVOT. Sofia, Bulgaria, Vol. 5, No. 4, September/
October, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, No. 2,
February, 1960. Uncl.

DRUMCEV, D.M., dotsent, kand.med.nauk (g.Sofiya, Narodnaya Respublika Bolgariya)

Rational prescription, preparation, and dispensing of drugs in
the light of I.P.Pavlov's teachings. Apt.delo 8 no.4:79-82
Jl-Ag '59. (MIRA 12:10)

(PHARMACY)

GAKENIAN, R.; NIKOLOVA, M.; DRUMEV, D.

Some considerations on the effect of Aesculus hippocastanum and Sorbus
aria preparations. Izv. inst. fiziol. 5:307-319 '62.

(AESCULUS pharmacol)

(PLANTS MEDICINAL pharmacol)

RUMANIA

TRANDAFILOV, T., Professor; DRUMEV, D., Decent, MD; COJUHAROV, P., MD; HRISTOV, K., Pharmacist.

Bucharest, Farmacia, No 3, Mar 63, pp 129-139.

"New Trends and Achievements in Pharmaceutical Products with Antibiotics."

(4)

HUNGARY

GEORGIEW, B., ~~BRUMEN, D.~~: Veterinary Medical College, Department of Pharmacology, Toxicology and General Therapy (chairman: ~~BRUMEN, D.~~, M., docent) [original language version not given], Sofia.

"The Effect of Certain Neuroplegic and Tranquilizer Compounds on Ruminants."

Budapest, Acta Veterinaria Academiae Scientiarum Hungaricae, Vol XVI, No 3, 1966, pages 263-272.

Abstract: [German article, authors' German summary modified] The effect of methopendazine (1), promazine (2), meprobamate (3), penactizine (4), trimethoxazine (5) and methylpentinol (6) was compared with that of propionylpromazine (7) and chlorpromazine (8) on sheep and cattle, both after s.c. administration of a single dose and in a state of excitation evoked with amphetamine (a) and penaldrin (b) (amphetamine and strychnine). A pronouncedly relaxing and taming effect was produced by 2, 3 and 6, in sheep, with decreased motility and pain reaction after electric stimulation. In addition, movements of the rumen are not inhibited by 3; sleepiness is produced by 6. 1 and 5 have a slight relaxing effect and produce excitation in high doses. Rumen activity is slightly inhibited by 4 and strongly so by 5. The chronoamperage-excitation curves, registered at certain flexor and extensor areas of the forelimbs, are near the coordinate system under the influence of b and a, while they are further away after administration of the neuroplegics and tranquillants mentioned. 7 has a stronger effect than the compounds tested. In cattle, the

1/2

DRUMEV, ST.

Fighting for a Permanent Reduction of Prime Costs in the Industrial
Production. Leka Promishlenost (Light Industry), #10:1:Oct 54

DRUMEV, ST.

Proper Application of the Labor Payment According to the Qualification
Grades and Correspondingly Elaborated for the Silk Spinning Trade.
LEKA PROMISHLENOST (Light Industry), #10:5:Oct 54

DRUMYA, A.V.

Triassic deposits in the Dniester and Prut interfluve. Geol. zhur. 17
no.2:72-74 '57. (MLRA 10:11)

(Prut Valley--Geology, Stratigraphic)
(Dniester Valley--Geology, Stratigraphic)

DRUMYA, Anatoliy Vasil'yevich; ZAVIRUKHINA, V.M., red.izd-va;
MATVIYCHUK, A.A., tekhn.red.

[Geology of central and southern Bessarabia] Geologicheskaia struktura tsentral'noi i iuzhnoi Bessarabii. Kiev, Izd-vo akad.nauk Ukr.SSR, 1958. 59 p. (Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. [Trudy]. Seriia geotektoniky i geotektoniky i geofizyky, no.3)
(MIRA 13:2)

(Bessarabia--Geology)

3 (4, 5)

SOV/21-59-8-16/26

AUTHOR: Drumya, A. V.

TITLE: The Basic Stages of Development of the Geological Structure of the Dnestr - Prut Interfluve

PERIODICAL: Dopovidi Akademii nauk Ukrain's'koi RSR, 1959, Nr 8, pp 881 - 884 (USSR)

ABSTRACT: The article deals with the distinction of peculiar tectonic structural elements in the Dnestr - Prut interfluve. It states that in connection with drilling and geophysical research conducted on this territory - earlier considered homogeneous in respect to its tectonics - a number of special structural elements have been noted, their limits defined, and their interconnection and formation history uncovered [Ref. 1, 2, 3]. Taking into account previously presented schemes of the tectonic structure and the data obtained during deep drilling, the following structural elements closely linked with the geological development of this area are distinguished: the Precambrian platform, the Hercynian platform, the Cis-dobruja depression, the

Card 1/2

SOV/21-59-8-16/26

The Basic Stages of Development of the Geological Structure of the
Dnestr - Prut Interfluve

Eastern edge of the Carpathian depression, and the Western part of the Black Sea depression. The article also covers a corresponding geophysical description, comparison and relationship among various geological formations of the Paleozoic, Silurian, Precambrian, and the Mesozoic eras on this territory.

There are 3 Soviet references and 1 tectonic map.

ASSOCIATION: Institut geologii i poleznykh iskopayemykh MF AN SSSR
(The Institute of Geology and Mineral Resources of the
Moscow Branch of the AS of USSR)
(V.G. Bondarchuk)

PRESENTED: By V. H. Bondarchuk/ Member of the AS UkrSSR

SUBMITTED: February 10, 1959

Card 2/2

DRUMYA, A. V., Cand Geolog-Mineralog Sci (diss) -- "The geological structure of central and southern Bessarabia". Kiev, 1959. 15 pp (Min Higher and Inter Spec Educ Ukr SSR, Kiev Order of Lenin State U in T. G. Shevchenko), 150 copies (KL, No 10, 1960, 127)

DRUMYA, A.V.

Prospects for oil and gas deposits of the region between the Dniester
and Prut. Dop.AN URSR no.11:1542-1545 '60. (MIRA 13:11)

1. Institut geologii i poleznykh iskopayemykh Moldavskogo filiala
AN SSSR. Predstavleno akademikom AN USSR V.G.Bondarchukom.
(Moldavia--Petroleum--Geology)
(Moldavia--Gas, Natural--Geology)

DRUMEA, A.V. [Drumya, A.V.]; IVANCHUK, P.K. [Ivanchuk, P.K.]

Geologic structure of Insula Serpilor (Black Sea). Analele geol
geogr 16 no.3:89-95 J1-Ag '62.

DRUMYA, A.V.

Limits and time of formation of the western part of the Black Sea Depression. Dokl.AN SSSR 145 no.6:1360-1362 Ag '62.

(MIRA 15:8)

1. Institut geologii i poleznykh iskopayemykh Moldavskogo filiala AN SSSR. Predstavleno akademikom A.L.Yanshinym.
(Black Sea region—Geology)

Card 2/2

BOBRINSKIY, V.M.; BUKATCHUK, P.D.; BURGELYA, N.K.; ~~DRUMYA, A.V.~~;
KAPTSAN, V.Kh.; MAKARESKU, V.S.; NEVRYANSKIY, D.G.;
NEGADAYEV-NIKONOV, K.N.; PERES, F.S.; ROMANOV, L.F.;
ROSHKA, V.Kh.; SAFAROV, E.I.; SAYANOV, V.S.; SOBETSKIY,
V.A.; TKACHUK, V.A.; KHUBKA, A.N.; EDEL'SHTEYN, A.Ya.;
LUTOKHIN, I., red.

[Paleogeography of Moldavia] Paleogeografia Moldavii.
Kartia, moldoveniaske, 1965. 145 p. (MIRA 18:9)

1. Otdel palenotologii i stratigrafii AN Moldavskoy SSR
(for Negadayev-Nikonov, Roshka, Romanov, Sobetskiy, Khubka).
2. Institut geologii i poleznykh iskopayemykh Gosudarstvennogo
geologicheskogo komiteta SSSR (for Bobrinskiy, Burgelya,
Nevryanskiy, Tkachuk, Edel'shteyn). 3. Opornaya seysmostantsiya
AN Moldavskoy SSR (for Drumya). 4. Gosudarstvennyy proizvod-
stvennyy geologicheskii Komitet Moldavskoy SSR (for Bukatchuk,
Kapsan, Safarov).

DRUNYA, Anatoliy Vasil'yevich, kand. geol.-miner. nauk; USTINOVA,
Tat'yana Ivanovna, kand. geogr. nauk; SHCHUKIN, Yuriy
Konstantinovich; EDEL'SHTEYN, A.Ya., kand. geol.-miner.
nauk, red.; MAL'TSEVA, L., red.

[Problems of the tectonics and seismology of Moldavia] Problemy
tektoniki i seismologii Moldavii. Kishinev, Kartia moldo-
veniaske. No.2. 1964. 119 p. (MIRA 19:1)

BOBRINSKAYA, O.G.; BOBRINSKIY, V.M.; BUKATCHUK, P.D.; DANICH, M.M.;
KAPTSAN, V.Kh.; NEGADAYEV-NIKONOV, K.N.; POPOVA, T.V.;
ROSHKA, V.Kh.; SAFAROV, E.I.; SOBETSKIY, V.A.; EDEL'SHTEYN,
A.Ya.; BURGELYA, N.K., red.; DRUMYA, A.V., red.; KUZNETSOVA,
E., red.

[Stratigraphy of sedimentary formations in Moldavia] Strati-
grafia osadochnykh obrazovaniy Moldavii. Kishinev, Kartia
moldoveniaske, 1964. 129 p. (MIRA 19:1)

1. Otdel paleontologii i stratigrafii AN Moldavskoy SSR (for
Bobrinskaya, Danich, Negadayev-Nikonov, Popova, Roshka,
Sobetskiy). 2. Institut geologii i poleznykh iskopayemykh,
gorod Kishinev (for Bobrinskiy, Edel'shteyn). 3. Upravleniye
geologii i okhrany neдр pri Sovete Ministrov Moldavskoy SSR
(for Bukatchuk, Kapsan, Safarov).

L 29890-66 EWT(1) GW

ACC NR: AP6020108

SOURCE CODE: UR/0387/65/000/008/0074/0076

AUTHOR: Drumya, A. V.; Yevseyeva, K. G.; Krivontsov, Yu. M.; Podymova, I. S.; Popov, V. M.

ORG: Division of Physicotechnical and Mathematical Sciences, AN MoldSSR (Otdeleniye fiziko-tokhnicheskikh i matematicheskikh nauk AN MoldSSR)

TITLE: Carpathian earthquake of 10 January 1965

SOURCE: AN SSSR. Izvestiya. Fizika zemli, no. 8, 1965, 74-76

TOPIC TAGS: earthquake, seismology

ABSTRACT: On 10 January 1965 at approximately 0553 hours Moscow time the "Kishinev" (Moldavian SSR) seismic station recorded an earthquake with the epicenter near Fokshan in the Rumanian People's Republic. The earthquake was felt throughout Moldavia, a large part of eastern Rumania and the southwestern part of Odesskaya Oblast. Instrumental data are given in a table. The information given includes data on focal depth; the area of occurrence of the earthquake is a single square degree (26.20-26.80° E, 45.40-46.00° N. Foci in this area are at depths of 80-160 km, sometimes 200 km. The earthquake mentioned had been preceded by four smaller shocks in the preceding ten months. Most of this article is a description of the physical sensations and phenomena accompanying the earthquake which were observed in various towns and villages visited by the authors for interviewing the local inhabitants. On the basis of both instrumental data and these interviews the authors constructed a map of the isoseists for this earthquake. Orig. art. has: 1 figure and 2 tables. [JPRS]

SUB CODE: 08 / SUM DATE: 06Feb65 / ORIG REF: 004

Cord 1/1

UDC: 550.346

DRUNCHENKO, V.M., inspektor shkol.

The fruit and berry plot is a theoretical and practical element of the school. Est.v shkole no.5:65-71 S-O '53. (MLRA 6:8)

1. Groznenskiy oblastnoy otel narodnogo obranovaniya. (School gardens)

VASILEV, V.; DRYNDAROV, M. [Drundarov, N.]

The work function of cadmium sulfide. Godishnik fiz mat 53
no.2:111-124 '58/'59 [publ. '60].

DRUNDAROV, Radoslav

Achievements and omissions in rationalization activities of the
"Maritsa-Iztok" Complex. Ratsionalizatsiia 14 no. 6-9 '64

HOZA, Frantisek, inz.; DRUNECKY, Vlastimil

Typification of boring equipment in geologic prospecting. Geol
pruzkum 6 no.2:36-38 F'64

1. Ustredni geologicky urad, Praha; Utvar technicko-ekonomickeho
rozvoje, Brno, oborove stredisko pro normalizaci a typizaci,
Praha.

DRUNKER, SIMON ARONOVICH

N/5
613.486
.D7

ISTOCHNIKI SVETA I OSVESHCHENIYE V TSVETNOY FOTOGRAF II (SOURCES OF LIGHT AND
ILLUMINATION IN COLOR PHOTOGRAPHY) MOSKVA, "ISKUSSTVO", 1956.

247 P. ILLUS., DIAGRS., TABLES.

BIBLIOGRAPHY: P. (245)

USSR/Soil Science. Organic Fertilizers

J-4

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 43857

Author : Kedrov-Zikhman O.K., Zenkevich, T.I., Drupen' N.I.
Inst : The Institute of Socialized Agriculture of the Academy of
Sciences, Belorussian SSR.
Title : The Action of Organic Fertilizers in Crop Rotation with
Perennial Grasses in Connection with the Lining of Peat
Podzolic Soil

Orig Pub : Sb. nauchn. tr. In-ta sots. s. kh. AN BSSR, 1956, vyp. 4,
37-59

Abstract : In this experiment made on peat podzolic soil (pH 4.5) at the
experimental base of the Institute of Socialized Agriculture
of the Academy of Sciences Belorussian SSR, a study was
made of the effect of organic fertilizers and lime, applied
in 1946 on a cover crop in doses per 1 ha. of 40 t. of
manure, 40 and 80 t. of peat, 8 t. of lime in combinations
of organic fertilizers and lime, on the yields of grain
crops, potatoes and grasses in 9-field crop rotations.

Card : 1/2

Druri, Ivan Vasil'yevich

N/5
729.911
.D7

Olenevodstvo [Reindeer Breeding]

Moskva, Sel'khozgiz, 1955.

254 p. Illus., Tables.

USSR/Fern Animals. - Reindeer

Q-4

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26193

Author : Druri I.V.

Inst : Not Given

Title : A Brief Summing Up of the Breeding Work in Reindeer Raising
(Kratkiye itogi planovnoy raboty v olenovodstve)

Orig Pub : Tr. N.-i. in-ta. s.kh. Krayn. Soveta, 1956, 2, 3-22

Abstract : The results of the work of the associates of the Scientific Research Institute of Polar Agriculture, Animal Husbandry, Industry, and Experimental Stations are described. Breeding work was effected by mass selection and distribution into classes according to productivity (increase of fertility), and also by way of improving the conditions of nutrition, maintenance, and proper raising of the young reindeer. The basic method used was purebreeding, and exchange of breeding reindeer raised under different conditions. The use of feed supplements for the young female reindeer was conducive to their better development and the increase of fertility; a smaller

Card : 1/2

36

~~DEBET~~ Ivan Vasil'yevich, kand. sel'khoz. nauk; MITYUSHEV, Pavel
Vasil'yevich, kand. biol. nauk; MAGON, E.E., red.;
BARANOVA, L.G., tekhn. red.

[Deer raising] Olenevodstvo. Moskva, Sel'khozizdat, 1963.
242 p. (MIRA 16:8)

(Deer) (Antlers)

USSR/Farm Animals. - Reindeer

Q-4

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26191

Author : Druri S.M.

Inst : Not Given

Title : Some Results of the First Years of Acclimatization of the
Tundra Reindeer in the Forest Zone (Nekotoryye itogi pervykh
let akklimatizatsii tundrovyykh oleney v lesnoy zone)

Orig Pub : Tr. N.-1. in-ta s. kh. Krayn. Severa, 1956, 2, 23-58

Abstract : The article contains the results of the observations of the changes in the development and in morphological characteristics of the tundra reindeer, transferred to the forest regions of the Komi ASSR, under the influence of acclimatization. To be noted is the change of the winter wool coat (hair became shorter), the increase of the number of light-colored, dappled, and red reindeer in place of dark-brown ones, the increase of early maturity, more intensive growth of the young reindeer, and the increase of the indexes of all measurements of young and adult reindeer. The more favorable the natural

Card : 1/2

157

DRURI, Serafina Molet'yevna, kand.sel'skokhozyaistvennykh nauk; BOLOGOV, G.M.
red. MOLODTSOVA, N.G., tekhn.red.

[Raising young reindeer] Vyrashchivanie molodniaka severnykh olenei.
Moskva, Gos. izd-vo sel'khoz.lit-ry, 1958. 73 p. (MIRA 11:9)
(Reindeer)

DRURI, S.M.

Age and seasonal changes in the live weight of reindeer. Trudy
Inst.morf.zhiv. no.31:175-183 '60. (MIRA 13:6)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva
Kraynego Severa, Leningrad.
(Reindeer)

DRURI, Ye. I.

"Tables and Graphs Pertaining to the Length of the Shadow. Collection of Papers on Aerial Photometry". No. 1. Published by the Scientific-Research Institute of Aerial Survey of the Main Hydrological and Geodetical Administration of the People's Commissariat of Heavy Industry of the USSR, 1934.

DRUSHCHENKO, I.F.

Pine tree tapping with renewed streak blazing. Gidroliz, 1
lesokhim.prom. 14 no.4:24 '61. (MIRA 14:5)

1. Gor'kovskiy sovnarkhoz.
(Turpentine)